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AUG 28 2006

DATE: August 28, 2006

PTO IDENTIFIER: Application Number 10/666,547-Conf. #5549
Patent Number

Inventor: Sohl et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: VENABLE LLP

Ralph P. Albrecht

PHONE: (703) 760-1681

Attorney Dkt. #: 36507-193186

PAGES (Including Cover Sheet): 8

CONTENTS:

Information Disclosure Statement (2 pages)

PTO Form SB/08/a/b (1 page)

Fee Transmittal SB/17 (1 page)

Transmittal SB/21 (1 page)

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VENABLE LLP

P.O. Box 34385, Washington, DC 20043-9998

Telephone: (202) 344-4000 Facsimile: (202) 344-8300

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AUG 28 2006

PTO/SB/97 (09-04)

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Application No. (if known): 10/666,547

Attorney Docket No.: 36507-193186

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Note:

- Information Disclosure Statement (2 pages)
- PTO Form SB/08/a/b (1 page)
- Fee Transmittal SB/17 (1 page)
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AUG 28 2006

PTO/SB/21 (07-06)


Approved for use through 09/30/2008. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/666,547-Conf. #5549
		Filing Date	September 22, 2003
		First Named Inventor	John H. Sohl, III
		Art Unit	2829
		Examiner Name	J. M. Hollington
Total Number of Pages in This Submission		Attorney Docket Number	36507-193186

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form SB/17 <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): • PTO Form SB08/a/b • Yellow filing receipt
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VENABLE LLP		
Signature			
Printed name	Ralph P. Albrecht		
Date	8/28/06	Reg. No.	43,486

780045

PATENT PROSECUTION RECEIPT OF FILING

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AUG 28 2006

Attorney/LAA: RPA:cja

PTO Due Date: N/A

DATE FILED: 8/28/06

Venable Filing Number
134616

Atty. Docket No: 36507-193186

Applicant: SOHL, John H. III

Title: ENHANCED SUBSURFACE MEMBRANE
INTERFACE PROBE (MIP)

Application No: 10/666,547

Filing Date: September 22, 2003

Allowed:

Issue Date:

The following items were received from Venable, Washington, D.C., by the U.S. Patent & Trademark Office:

U.S. PTO FEES ENCLOSED

\$ 180 Information Disclosure
Statement

- ☒ Transmittal Form SB/21 (1 page)
- ☒ Information Disclosure Statement (2 pages)
- ☒ PTO Form-SB/08 (1 page)
- ☒ Yellow filing receipt (1 page)
- ☒ Fee Transmittal SB/17 (1 page)
- ☐ Filing Receipt (yellow)
- ☐ Response to Notice to File Missing Parts of Nonprovisional Application
- ☐ Notice to File Missing Parts (return copy)
- ☐ Declaration, Power of Attorney, and Designation of Correspondence Address
- ☐ IDS w/PTO Form-SB/08A) (and copy of one cited reference)
- ☐ Priority Document-Cert. Copy of Appln.#: : Country
- ☐ Date Filed:
- ☐ Request for Continued Examination (RCE) under 37 CFR 1.114
- ☐ Amendment in Response to Final Office Action
- ☐ International Search Report
- ☐ Return Postcard
- ☐ Request to Rescind Non-Publication Request
- ☐ Preliminary Amendment
- ☐ Petition/Request for Extension of Time (___ mo. ext.)
- ☐ Notice of Appeal
- ☐ Appeal Brief (in triplicate)
- ☐ Reply Brief (in triplicate)
- ☐ Confirmation of Hearing Petition
- ☐ Issue Fee Transmittal
- ☐ Petition Fee Under 37 CFR 1.17(f), (g) & (h) Transmittal
- ☐ Response to Notice to File Missing Requirements
- ☐ Response to Restriction Requirement
- ☐ Sequence Listing - Computer Disk Enclosed? ☐ Yes ☐ No

- _____ Extension Fee
- _____ IDS Fee Claims over 20 ()
- _____ Brief on Appeal Fee
- _____ Oral Hearing Request Fee
- _____ Petition Fee
- _____ Issue Fee
- _____ Publication Fee
- _____ Maintenance Fee

\$ 180 Total Fees Paid

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22-0261

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AUG 28 2006

PTO/SB/17 (07-06)


Approved for use through 01/31/2007. OMB 0651-0032
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2008 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete if Known		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/666,547-Conf. #5549	
		Filing Date	September 22, 2003	
		First Named Inventor	John H. Sohl, III	
		Examiner Name	J. M. Hollington	
		Art Unit	2829	
TOTAL AMOUNT OF PAYMENT (\$)		180.00	Attorney Docket No.	36507-193186

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION								
1. BASIC FILING, SEARCH, AND EXAMINATION FEES								
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)	
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)		
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	0	0		
2. EXCESS CLAIM FEES								
							Small Entity Fee (\$)	
Each claim over 20 (including Reissues)							50	
Each independent claim over 3 (including Reissues)							200	
Multiple dependent claims							360	
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims			
=		x	=		Fee (\$)		Fee Paid (\$)	
HP = highest number of total claims paid for, if greater than 20.								
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)				
=		x	=					
HP = highest number of independent claims paid for, if greater than 3.								
3. APPLICATION SIZE FEE								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)				
- 100 =	/50	(round up to a whole number) x	=					
4. OTHER FEE(\$)								
Non-English Specification, \$130 fee (no small entity discount)								
Other (e.g., late filing surcharge): Submission of an Information Disclosure								
1806 Statement 180.00								

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	43,466
Name (Print/Type)	Ralph P. Albrecht	Telephone	(703) 760-1681
		Date	8/28/06

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AUG 28 2006

Docket No.: 36507-193186
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Sohl et al.

Art Unit: 2829

Application No: 10/666,547

Examiner: J. M. Hollington

Confirmation No: 5549

Filed: September 22, 2003

Atty. Docket No: 36507-193186

For: **ENHANCED SUBSURFACE MEMBRANE
INTERFACE PROBE (MIP)**

Customer No:

26694

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of a Non-Final Office Action, but before a final Office Action. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. The fee required under 37 CFR 1.97(c)(2) is enclosed.

Application No.: 10/666,547

Docket No.: 36507-193186

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).


In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 22-0261 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 36507-193186. A duplicate copy of this paper is enclosed.

Dated: 8/28/06

Respectfully submitted,

By 
Ralph P. Albrecht
Registration No.: 43,466

VENABLE LLP
P.O. Box 34385
Washington, DC 20043-9998
(202) 344-4000
(202) 344-8300 (Fax)

Attorney/Agent For Applicant

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PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/666,547-Conf. #5549	
			Filing Date	September 22, 2003	
			First Named Inventor	John H. Sohl, III	
			Art Unit	2829	
			Examiner Name	J. M. Hollington	
Sheet	1	of	1	Attorney Docket Number	36507-193186

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-5,447,055	09-05-1995	Thompson et al.	
	AB*	US-6,938,506-A1	09-08-2005	Henry et al.	
	AC*	US-4,725,551	02-16-1988	Thompson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kind Code of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	
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